

# 2001 BASELINE - REPRICING TO BRING MODELS FROM FY98 DOLLARS TO FY01 DOLLARS

SITE: 600-152

## COMPOSITE CALCULATION #25 (SEPTIC TANKS)

### ERC LABOR

IN BASELINE DATABASE			100	ERC MANUAL HOURS (HAMTC) FROM COMPOSITE CALC SPREADSHEET
	+		338	ERC NON-MANUAL HOURS FROM COMPOSITE CALC SPREADSHEET
			438	TOTAL ERC HOURS
SEE NOTE 1		\$	26,506	ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.1892	DD FACTOR (1998 DD AT THE TIME THE CALCS WERE PERFORMED)
	X		1.0404	G&A FACTOR (1998 G&A AT THE TIME THE CALCS WERE PERFORMED)
		\$	32,794	TOTAL ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (FULLY BURDENED)
IN BASELINE DATABASE CALC BY BASELINE DATABASE				
		\$	32,794	TOTAL ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (FULLY BURDENED)
	X		1.1463	LABOR FACTOR TO BRING 1998 LABOR DOLLARS TO 2001 LABOR DOLLARS (FULLY BURDENED)
		\$	37,592	TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)

### ERC EQUIPMENT / MATERIAL/UNIT

		\$	34,116	ERC EQUIPMENT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
				W/ABOVE ERC MATERIAL @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
	+			W/ABOVE ERC UNIT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
		\$	34,116	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
IN BASELINE DATABASE				
CALC BY BASELINE DATABASE	X	\$	34,116	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
			1.076	ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
		\$	36,709	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
		\$	36,709	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.208	DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X		1.037	G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
		\$	45,985	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)

### SUBCONTRACT

IN BASELINE DATABASE		\$	38,106	ERC SUBCONTRACT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
CALC BY BASELINE DATABASE	X		1.076	ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
		\$	41,002	TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
		\$	41,002	TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.208	DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X		1.037	G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
		\$	51,363	TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)

### TOTAL

		\$	37,592	TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)
		\$	45,985	TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)
		\$	51,363	TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)
		\$	134,941	TOTAL (INCLUDES BURDENS)
TYPICALLY CONTINGENCY IS NOT CALCULATED BY THE MODEL BUT IS CALCULATED IN THE BASELINE DATABASE				
		\$	134,941	TOTAL (INCLUDES BURDENS)
	+	\$	31,846	CONTINGENCY @ 23.6% PER BHI CONTG. EVALUATION
		\$	166,786	TOTAL (INCLUDES BURDENS AND CONTINGENCY)

### NOTES

- 1 THE APPLICATION OF DD AND G&A (BURDEN) IN THE BUILDUP OF THE ERC LABOR IS SLIGHTLY DIFFERENT THAN FOR MATERIAL, EQUIPMENT, UNIT, AND SUBCONTRACTS, AND OUR ESTIMATING TOOLS CANNOT HANDLE THE BURDEN DIFFERENTLY BETWEEN THE COST ELEMENTS, THEREFORE AN ESTIMATING WAGE IS USED IN THE CALCULATIONS. THE ESTIMATING WAGE RATE IS THE FULLY BURDENED WAGE RATE WITH THE BURDEN PERCENTAGES REMOVED FROM TOTAL (EST. WAGE=FULLY BURDEN WAGE/DD FACTOR./G&A FACTOR). WHEN MCACES FACTORS IN DD AND G&A THE ERC LABOR COSTS ARE BROUGHT BACK UP TO THE REAL FULLY BURDEN LABOR COST. THE ONLY PROBLEM THEN IS MCACES DOES NOT SHOW FULLY BURDEN ERC LABOR (AB NO MARKUP ITEM) THEREFORE THE BASELINE DATABASE IMPORT SPREADSHEET IS USED TO FACTOR IN THE BURDEN (USED IN THE MODEL) BACK INTO THE ERC LABOR. WITH THE FULLY LOADED LABOR IN THE DATABASE IT IS ONLY A MATER OF APPLYING THE LABOR FACTOR TO BRING IT UP TO CURRENT RATES/PRICING LEVEL (EFFECTIVELY TAKES CARE OF CHANGES IN WAGE RATE, PAYROLL ADDS, OPERATING CENTER, CORPORATE ALLOCATION, DD, OVERHEADS, AND G&A).